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<p>Plaksin, L N., Startchik, L P., and Turnikova, V. L MÉTHODE DE L'AUTORADIOGRAPHIE POUR ÉTUDIER LA RÉPARTITION DES REACTIFS DE FLOTATION SUR LA SURFACE DES PARTICULES DE MINERAIS SULPURES, tr. by M. B. De Trezinskiy. 8 Nov 59 [9]p. 5 refs. CEA Trans. no. R.770 (text in French). Order from OTS or SLA \$1.10 61-23742</p> <p>Trans. in French of Akad[emiya] Nauk SSSR. Otdel[enie] Tekh[nicheskikh] Nauk. Izvest[iya] 1957, no. 3, p. 187-189.</p> <p>DESCRIPTORS: *Flotation, Sulfur, *Sulfides, *Autoradiography, Particles, Chemical reactions, Ores, *Minerals.</p> <p>(Metallurgy, TT, v. 6, no. 6)</p>	<p>61-23742</p> <p>L Plaksin, L N. II Startchik, L P. III Turnikova, V. L IV. CEA-tr-R770 V. Commissariat à l'Energie Atomique (France)</p> <p>176671</p> <p>Office of Technical Services</p>
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Alloy, by A. A. Bochvar, Z. A. Sviderskaya. UNCL

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NASA TT F-63

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EFFECT OF PERIODIC OSCILLATIONS OF
VELOCITY AND DENSITY OF A MEDIUM ON
DISINTEGRATION OF LIQUID JETS. (Vliyanie
periodicheskikh kolebanii skorosti i plotnosti sredy
na raspad zhidkikh struy.) I. F. Dityakin and V. I.
Yagodkin. April 1961. 11p. OTS price, \$0.50.
(NASA TECHNICAL TRANSLATION F-63. Translation
from Akademija Nauk SSSR, Izvestiia, Otdelenie
Tekhnicheskikh Nauk, no. 4, 1957, p. 115-120.)

The influence of the oscillations of the velocity in a liquid jet and the density of the medium surrounding a cylindrical jet, on the disintegration of the jet, is considered theoretically. The method of small perturbations beginning with the velocity potential equation is used. The following conclusions were derived: (a) during the oscillations of the velocity of a liquid jet the character and the length of the waves of the unstable perturbations are subject to change and there appears a great number of separate

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37, Propulsion system
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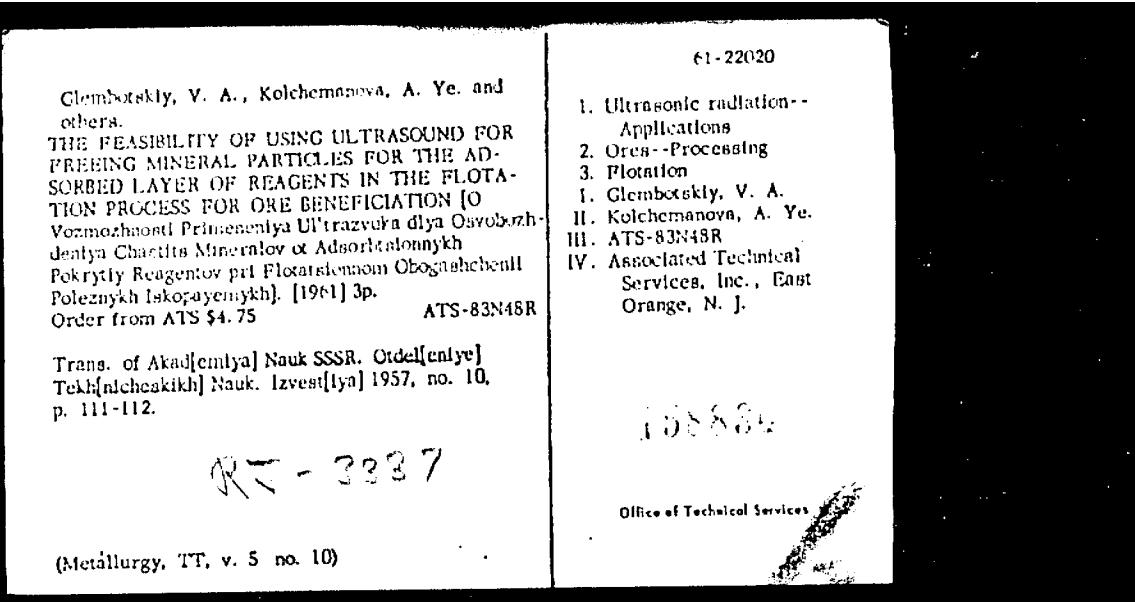
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